MATHEMATICS OF THE USSR—IZVESTIYA

Том 55, №№ 1–3, 1991

Volume 38, Number 1–3 Pages 1–675

Volume Index of Authors

Babenko, I. K. and Bogatyĭ, S. A. The behavior of the index of periodic points under iterations of a mapping 1
Bogatyĭ, S. A. See Babenko, I. K.
Bogomolov, F. A. Abelian subgroups of Galois groups 27
Bogoyavlenskiĭ, O. I. Breaking solitons. V. Systems of hydrodynamic type ... 439
Bolsinov, A. V. Compatible Poisson brackets on Lie algebras and completeness of families of functions in involution 69
Bulitko, V. K. On ways of characterizing complete sets 225
Dudnikov, P. I. and Samborskiĭ, S. N. Endomorphisms of semimodules over semirings with an idempotent operation 91
Èminyan, K. M. On the Dirichlet divisor problem in some sequences of natural numbers 669
Fedoryuk, M. V. Asymptotics of the spectrum of Heun's equation and of Heun's functions 621
Haĭntsner [Heinzner], P. See Sergeev, A. G.
Iskovskikh, V. A. and Tregub, S. L. On birational automorphisms of rational surfaces 251
Karatsuba, A. A. On the zeros of a special type of function connected with Dirichlet series 471
Katsylo, P. I. Birational geometry of moduli varieties of vector bundles over $\mathbf{P}^2$ 419
Khabibullin, B. N. Balayage on a system of rays and entire functions of completely regular growth 179
Khomich, V. I. On superintuitionistic propositional logics connected with partially ordered sets 375
Klyachin, V. A. and Miklyukov, V. M. Maximal tubular hypersurfaces in Minkowski space 203
Kolesov, A. Yu. Specific relaxation cycles of systems of Lotka-Volterra type .. 503
Krasnov, V. A. On homology classes determined by real points of a real algebraic variety 277
Krasovskiĭ, Yu. P. An estimate of solutions of parabolic problems without an initial condition 429

Kulikov, Vik. S. The fundamental group of the complement of a hypersurface in C^n 399
Kuzin, I. A. Existence of a countable set of periodic, spherically symmetric solutions of a nonlinear wave equation 107
Levendorskiĭ, S. Z. An algebra of boundary value problems for a class of pseudodifferential operators of variable order 131
Makhnĕv, A. A. A reduction theorem for TI-subgroups 299
Merkur'ev, A. S. Simple algebras and quadratic forms 215
Miklyukov, V. M. See Klyachin, V. A.
Naumkin, P. I. and Shishmarĕv, I. A. Asymptotics for large time of solutions of a system of equations for surface waves 525
Petukhov, A. P. On the dependence of properties of the graph of a function on the degree of various approximations 155
Pidstrigach, V. Ya. Deformations of instanton surfaces 313
Plotnikov, P. I. Nonuniqueness of solutions of the problem of solitary waves and bifurcation of critical points of smooth functions 333
Samborskiĭ, S. N. See Dudnikov, P. I.
Sapir, M. V. The restricted Burnside problem for varieties of semigroups 659
Sergeev, A. G. and Haĭntsner [Heinzner], P. The extended matrix disk is a domain of holomorphy 637
Shishmarĕv, I. A. See Naumkin, P. I.
Sinaĭskiĭ, E. S. Simultaneous approximation of the solution and its derivatives in a boundary value problem for a linear differential equation with polynomial coefficients 553
Strunkov, S. P. On a generalization of Fermat's little theorem 199
Taĭmanov, I. A. Nonselfintersecting closed extremals of multivalued or not everywhere positive functionals 359
Tregub, S. L. See Iskovskikh, V. A.
Tuzhilin, A. A. Morse-type indices of two-dimensional minimal surfaces in $\mathbf{R}^3$ and $\mathbf{H}^3$ 575
Tyurin, A. N. The Weil-Petersson metric on the moduli space of stable vector bundles and sheaves on an algebraic surface 599
Zaĭdenberg, M. G. Additions and corrections to the paper "Isotrivial families of curves on affine surfaces and characterization of the affine plane" 435
Zarkhin, Yu. G. Torsion and endomorphisms of abelian varieties over infinite extensions of number fields 647
Zube, S. K. Logarithmic transformation of an elliptic surface, and vector bundles 455